Scope of Work for Shifting of PipeHunter Machine on Truck Frame

The United States Embassy in (Islamabad) requires a professional contractor to shift and installed PipeHunter machine on a Truck frame after removal of the dump body. Total quantity of PipeHunter machine and truck is one each repeatedly.

PROJECT SUMMARY

1. Contractor shall pre-visit the site before establishing the contract to take the measurements of both, the PipeHunter and the Dump truck.

2. After the pre-visit contractor will draw and provide their plan along with the technical drawings of removal of truck's dump bed and installation of PipeHunter after removal of the v shaped sub-frame and two rear axle shafts with tires, for the review and approval to the COR.

3. Contractor shall be responsible to make changes in the plan as well as in the drawing as suggested or approved by the COR.

4. Contractor will be responsible to shift PipeHunter and truck from site to workshop after the approval of the work plan and the contract.

5. Contractor will make sure to complete the work as per approved plan and drawings under the SOW and inform the COR to arrange the inspection of FM staff.

6. All operational steps of the PipeHunter machine and visual inspection shall be conducted in the presence & in coordination with FM representative at the contractor workshop.

7. The truck with Pipellunter machine along with removed items will be shifted to the US

   Embassy by contractor after inspection by FM Staff.

8. FM representative will make final inspection including driving test, automation, and physical operation at contactor's site.

9. Verbal or written requests of Contracting Officer's Representative (COR) representative related to the project shall be followed during execution phase to meet quality and NEC standard requirements and samples of material shall be submitted for approval prior to purchase/use at site.

10. All installation of metal should be epoxy painted.

11. All installations shall be in accordance with the National Electrical Code (NEC) and safety codes.

WELDING INSTRUCTIONS

When welding, care must always be taken to protect the electrical components of the vehicle. First, disconnect the negative battery cable. Then disconnect all cables from the alternator. Air and electrical lines must also be protected from damage during the welding process.

The negative or ground cable of the welding machine must be connected properly to the section of the vehicle under modification and should be as close as possible to this area. Connection of the ground cable to parts of the vehicle that will bring components, including bearings, into the welding circuit may result in damage to these components.

When welding on the truck frame is required, the following welding specifications are recommended:

DC-Welding

Electrode ESAB OD 48.00

Phillips PH 35, ASEA Z4 or equivalent

Are Voltage 18-24 V, DC + Pole

AC-Welding

MIG-Welding

Electrode ESAB OK 48.15

Phillips PH 36, ASEA Z22 or equivalent

Arc Voltage 20-26 V: AC Minimum Idle Voltage on AC Current: 65 V

Note: The welding data refers to an OK 48.15 electrode. Consult information supplied by other manufacturers for different electrodes. The vendor will share the Drawing and Project Plan in their comprehensive proposal.

Filler Material: 125 1 0 1.0

Gas: SK 203 CO + Argon, 80% Argon; 10 liters/min.

IV.

DURATION OF PROJECT:

Duration of project shall be one month from the issuance of PO.

Pictures:

As Below:

Picture of Machine to be mounted on the Truck's Frame:

Truck / Frame to be used to mount the machine:

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